

DLN-5410NDD-7 (with automatic thread trimmer)

Direct-drive, 1-needle, Needle-feed, Lockstitch Machine

Energy-saving servomotor is installed in the direct-drive style.



DLN-5410NDD-7

Features

- The direct drive system has been adopted.
- Both the control box and the operation panel are integrated with the machine head.
- Dramatically advanced availability for material.
- Maintainability is improved.

Energy-saving servomotor is installed in the direct-drive style.

Highly-functional control panel

The control panel which belongs equivalently to the highly-functional CP-180 family is built into the control box. With this panel, various sewing data ranging from the sewing speed to the production support functions can be adjusted. In addition, the control panel has been newly provided with a password lock function to restrict panel operation. The machine may be used simply by entering any given passcode number.

Compact and small energy-saving direct-drive motor

Compared with conventional V-belt driven sewing machines, sewing machines driven by direct drive motors save more than 13% of power consumption.



Provided with a password lock function

Sewing mechanism that demonstrates outstanding responsiveness to materials to be sewn.

The machine head has been redesigned to improve the performance of each component. Thanks to the machine's low-tension sewing capability and the adjustment function for the needle feed amount ($\pm 15\%$), uneven material feeding and puckering rarely occur, thus enhancing the machine's ability to respond to any change in the material to be sewn. The optimally balanced design of the machine head and the stronger frame structure significantly reduce machine vibration and noise while the machine is being operated.



SPECIFICATIONS

| Model name | DLN-5410NDD-7 | DLN-5410NDDH-7 | DLN-5410NDDJ-7 |
|---------------------------------|--|--------------------|--|
| Application | Light to medium weight | Heavy weight | Jeans |
| Max. sewing speed | 5,000 sti/min* | 4,000 sti/min* | |
| Max. stitch length | 4mm | 4.5mm | |
| Needle bar stroke | 30.7mm | | 33mm |
| Lift of the presser foot | By hand: 5.5mm, By knee: 13mm | | |
| Needle | DB×1 (#14) #9~#18 | DB×1 (#21) #20~#23 | |
| Hook | Automatic-lubricating full-rotary hook | | Automatic-lubricating double-capacity full-rotary hook |
| Lubrication | Automatic | | |
| Lubricating oil | JUKI Machine Oil 7 (equivalent to ISO VG7) | | |
| Automatic reverse feed function | Provided as standard | | |
| Power requirement | Single-phase 220~240V | | |
| Power consumption | 390VA | | |
| Weight of machine head | 36kg (include motor, control box, cover) | | |

*sti/min is the abbreviation for "stitches per minute"

WHEN YOU PLACE ORDERS

Please note when placing orders, that the model name should be written as follows:

DLN5410NDD **7** **K**

| Application | Code |
|--------------------------------------|----------|
| For light to medium-weight materials | |
| For heavy-weight materials | H |
| For jeans | J |

| Wiper and automatic reverse feed function | | Code |
|---|---------------------------------|-----------|
| Wiper | Automatic reverse feed function | |
| Provided | Provided | WB |

| Auto-lifter (optional) | Code |
|------------------------|--------------|
| Not provided | |
| Provided (AK85B) | AK85B |

JUKI ECO PRODUCTS

The DLN-5410NDD-7 is an eco-friendly product which complies with JUKI ECO PRODUCTS standards for protecting the environment.



● The sewing machine complies with the "Juki Group Green Procurement Guidelines" on the use of hazardous substances, which is stricter than other restrictions, such as those of the RoHS Directive.

For details of JUKI ECO PRODUCTS, refer to: <https://www.juki.co.jp/en/company/eco>

*The RoHS Directive is an EU Directive limiting the use of 6 hazardous substances (lead, hexavalent chromium, mercury, cadmium, PBB and PBDE) in electrical and electronic equipment. The Juki Green Procurement Guideline is the voluntarily established criteria to eliminate not only the aforementioned six substances, but also other ones which also adversely affect the environment.



Registered Organization: JUKI CORPORATION Head Office
The Scope of the Registration: The activities of research, development, design, sales, distribution, and maintenance services of industrial sewing machines, household sewing machines and industrial robots, etc., including sales and maintenance services of data entry systems.

JUKI
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- * Specifications and appearance are subject to change without prior notice for improvement.
- * Read the instruction manual before putting the machine into service to ensure safety.
- * This catalogue prints with environment-friendly soyink on recycle paper.
- * Paper from responsible sources FSC™ C001712